

Message Text

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PAGE 01 TOKYO 04585 310926Z
ACTION OES-06

INFO OCT-01 EA-09 ISO-00 NASA-02 /018 W
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FM AMEMBASSY TOKYO
TO SECSTATE WASHDC 6574

UNCLAS TOKYO 4585

DEPT PASS NASA HQTRS FOR FRUTKIN

E.O. 11652: N/A
TAGS: TSPA, JA
SUBJECT: ISAS REQUEST FOR DATA ON DIMENSIONS OF SATURN V ROCKET

1. EMBASSY HAS RECEIVED REQUEST FROM DR. DAIKICHIRO MORI, PRESENTLY DIRECTOR OF THE KAGOSHIMA SPACE CENTER, FOR INFORMATION ON THE DIMENSIONS AND OPERATING DATA FOR THE SATURN V BOOSTER. DR. MORI IS PREPARING AN ARTICLE FOR ENCYCLOPEDIA OF SCIENCE AND TECHNOLOGY AND WANTS TO INCLUDE THESE STATISTICS IN THE WORK.

2. NASA IS REQUESTED TO PROVIDE THE FOLLOWING INFORMATION ON A TYPICAL SATURN V LAUNCH VEHICLE, I.E., FOR APOLLO 11, IF AVAILABLE:

TOTAL LENGTH
DIAMETER
WEIGHT AT LIFTOFF, TONS
THRUST AT LIFTOFF, TONS
WEIGHT OF FIRST STAGE, TONS
WEIGHT OF FIRST STAGE PROPELLANT, TONS
WEIGHT OF SECOND STAGE, TONS
WEIGHT OF SECOND STAGE PROPELLANT, TONS
WEIGHT OF THIRD STAGE, TONS
WEIGHT OF THIRD STAGE PROPELLANT, TONS
SPECIFIC IMPULSE OF EACH STAGE ENGINE
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PAGE 02 TOKYO 04585 310926Z

ORBIT CAPABILITY
DESCRIPTION OF FLIGHT CONTROL DEVICES
DESCRIPTION OF INSTRUMENTS IN INSTRUMENT SECTION
NORMAL BURNING TIME OF EACH STAGE ENGINE

3. EMBASSY WOULD ALSO APPRECIATE ANY PHOTOS WHICH ARE AVAILABLE OF THE SATURN V AND ANY CUTAWAY VIEWS WHICH NASA

CAN SUPPLY.

4. DR. MORI HAS BEEN NAMED AS THE NEXT DIRECTOR FOR THE
INSTITUTE OF SPACE AND AERONAUTICAL SCIENCES AT THE
UNIVRSITY OF TOKYO. HE HAS BEEN A VALUABLE FRIEND TO THE
EMBASSY AND ANY ASSSTANCE NASA CAN PROVIDE IN MEETING
THIS REQUEST WILL BE MOST APPRECIATED.
SHOESMITH

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
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Control Number: n/a
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Sent Date: 31-Mar-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
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Review Markings:
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